

MuStik Media Player (C310/C300) User's Manual

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Patent Number: US 6829672, CN 99117225.6, CN 00114081.7

Introduction

Thanks for purchasing Netac MuStik Media Player. MuStik Media Player is a new type of portable digital music player, perfectly combines digital music playing, FM radio (Only for C310), recording and removable disk, etc.

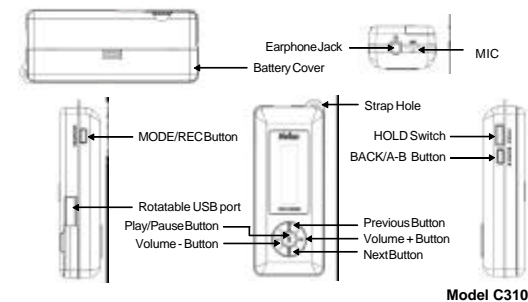


NOTE: This user's manual takes model C310 for example, please refer to the details for the different operations of model C300.

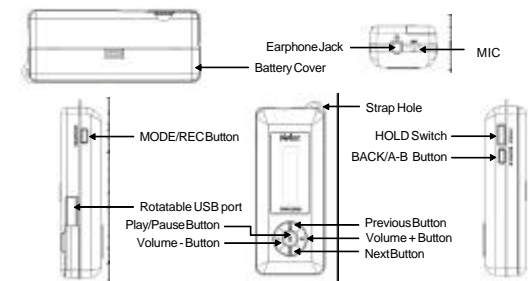
Features

- Support MP3, WMA and WAV music file
- Synchronously lyric (LRC file) display
- Switching EQ quickly
- Rotatable USB port
- Built-in FM radio, support FM recording (Only for C310)
- Support MIC recording
- Support multiple sound/playback modes
- Support A-B repeat
- Built-in flash memory
- Dichromatic OLED display
- Effectively prevent misoperation with **HOLD** switch
- No driver installation required (except on Windows 98/98SE)
- Firmware update

Functions and Buttons



Model C310



Model C300

Usage on the Computer

Connecting with the Computer

MuStik Media Player can be connected with the computer directly through the rotatable USB port.

Utilities Installation

MuStik Media Player Utilities includes Windows 98/98SE driver and Firmware Download tool. The installation steps of MuStik Media Player Utilities are as the following:

- 1) Download the installation file from Netac website: <http://www.netac.com>.
- 2) Double click the installation file "Setup.exe", the system would install MuStik Media Player Utilities automatically.
- 3) The tool would appear in "Programs" of "Start" in your computer after being installation.

Data Transferring

- 1) Boot your computer, connect MuStik Media Player with the computer.
- 2) The screen would display "READY" to prompt the connection status after being connected.
- 3) **Windows 98/98SE/Me/2000/XP/Server 2003:** Double click "My Computer", you would find a new icon named "Removable Disk", representing MuStik Media Player.
Mac OS 10.2 or above (Mac OS 10.3.2 e.g.): A new icon named "NO_NAME" would appear on the desktop of the computer, representing MuStik Media Player.
Linux 2.4.2 or above: Enter the system by user ID "root" and input the command "mount /dev/sda /mnt". This command is to create a directory where MuStik Media Player would be mounted.



NOTE: "sda" is an unfixed input item, please make relevant changes according to Linux operating discipline.

- 4) Then you can copy, delete, or edit data, just as on a traditional hard disk.

Disconnecting

Please refer to the following steps to unplug MuStik Media Player after data transferring:

- 1) **Windows 98/98SE:** The screen of MuStik Media Player would display "READY" when finished data transferring, then you can unplug MuStik Media Player from USB port of the computer.
 - 2) **Windows Me/2000/XP/Server 2003** (Windows 2000 e.g.): Click the icon at the taskbar, click the prompt menu "Stop USB Mass Storage Device - Driver", and click "OK" button in the pop-up window "The USB Mass Storage Device" device can now be safely removed from the system", then you can unplug MuStik Media Player from the computer safely.
 - 3) **Mac OS 10.2 or above** (Mac OS 10.3.2 e.g.): Select the icon representing MuStik Media Player, and click "File", select "Exit NO NAME", then unplug MuStik Media Player from the computer.
- TIPS: Drag the icon representing MuStik Media Player into Trash, then unplug MuStik Media Player from the computer.**
- 4) **Linux 2.4.2 or above:** Input the command "umount /mnt" before unplugging MuStik Media Player, The "/mnt" directory is corresponding with the "/mnt" mentioned above.

Basic Operations

Battery

MuStik Media Player powered by one AAA alkaline battery. When using the battery, please pay attention to the following:

- ⚠ Please don't dispose MuStik Media Player into fire to avoid the battery exploding.
- ⚠ Please don't disassemble any part of MuStik Media Player, any unauthorized disassembling would cause termination of Netac official warranty.

Power On/Off

To power on MuStik Media Player, please hold button, MuStik Media Player would enter MUSIC menu automatically. To power off MuStik Media Player (except for recording/recording pause status), please hold button to power off. Under recording/recording pause status, please save the recorded files before power off MuStik Media Player. When MuStik Media Player is in stop status, it would power off automatically if there is no operation during the time, which is set in "SET" -> "Power Set". (Please refer to "SET" for details).

HOLD

This function is used to prevent the buttons from being operated accidentally. To lock all buttons please simply

lock **HOLD** switch, a lock icon would appear on the screen, and no button would be able to operate. To release the lock status, please unlock **HOLD** switch. If try to power on while **HOLD** switch is locked, MuStik Media Player can't be powered on, please unlock **HOLD** switch, then try again.

Firmware Update

You can download the latest update tool from our website <http://www.netac.com> to update MuStik Media Player. The details are as the following:

- 1) Please uninstall "Netac MP3" in your computer at first, then double click the downloaded file "setup.exe", it would install new utilities automatically.
- 2) Run "Start -> Programs -> Netac MP3 -> Netac MP3 Firmware Download" to update firmware for MuStik Media Player, click "Start" button in the "Netac MP3 Firmware Download" window to begin update. It would display "Complete" after being finished, click "Close" button, then unplug MuStik Media Player from the computer to finish.
- 3) You can also click the check box of "Format Data Area" in "Netac MP3 Firmware Download" window, click "Yes" button to confirm in the pop-up window. Format MuStik Media Player would delete all of data where saved in MuStik Media Player, please backup data first if necessary!
- 4) Click "Start" button to begin format. It would display "Complete" after being finished, click "Close" button to finish.

Mode Operations

MuStik Media Player includes the following menus: MUSIC, FM (Only for C310), RECORDER, DEL, SET, and ABOUT. The details would be introduced as the following.

Keystroke operations:

- 1) Press button to select menu.
- 2) Press button to enter.
- 3) Press **BACK/A-B** button to return to previous menu.

MUSIC

Press button to select MUSIC in main menu, press button to enter.

- Ⓜ Play/Pause/Stop:
Press button to play a track.
Press button to pause the playing track.
Hold button to stop playing in playing/pause status.
- ⏮ Rewind/Forward: Hold button to rewind/forward the track.
- ⏪ Select Track: Press button to select track.
- ⏩ Turn up/down: Press **Volume +/-** button to turn up/down the volume.
- ⚙ Switching EQ: Press **MODE/REC** button to switch EQ.
- ⏮ A-B Repeat: Please hold **BACK/A-B** button twice to decide A (start) spot and B (end) spot while in playing status, MuStik Media Player would play the track between A and B repeatedly. Hold **BACK/A-B** button again to exit A-B repeat.
- 📄 Lyric shows: MuStik Media Player would automatically search the lyric file (LRC format), you can make by yourself, download from internet, etc.).
☐ Copy the track and the lyric file (LRC format) into the same folder.
☐ Make sure the name of the lyric file is the same as the name of the track, otherwise the lyric can't be displayed.
☐ Lyric would be shown synchronously on the screen during playing.

FM (Only for C310)

Press button to select FM in main menu, press button to enter.

Press **MODE/REC** button to switch among "FM", "SEARCH", "SAVE", "REC" and "QUIT" under FM menu. The details are as the following:

- 1) **FM:** Press button to pause/resume the receiving program, you can also switch channel by pressing button if there is more than one channel saved, and press **Volume +/-** button to turn up/down the volume.
- 2) **SEARCH:** MuStik Media Player can save maximum 30 channels.
Automatic Searching: Press button to start searching automatically, and the screen would display "Searching...". MuStik Media Player would save the searched channels automatically.
Manual Searching: Press button to search channel ahead/backwards by 0.1MHz manually in receiving status. Hold button by 1.0 MHz.
- 3) **SAVE:** Press button to save channel after automatic/manual searching, the screen would display "Station Saved".
- 4) **REC:** Press button to start FM recording, press button to pause/resume during recording, hold

MODE/REC button to exit and MuStik Media Player would save the recorded file as "F***.WAV" in "FM" folder automatically. The recorded files are played in "MUSIC" menu.

5 QUIT: Press **|||||** button to return to main menu.



NOTE: MuStik Media Player would search and save channel(s) automatically when enter FM menu for the first time. The earphone can be used as antenna, connect it with MuStik Media Player would make better effect while searching channels.

RECORDER

Press **|||||** button to select RECORDER in main menu, press **|||||** button to enter.

In the RECORDER menu, MuStik Media Player would play the MIC recorded files and MIC recording. The details are as the following.

MIC Recording: Hold **MODE/REC** button to start MIC recording. You can press **|||||** button to pause/ resume during recording, hold **MODE/REC** button to exit and MuStik Media Player would save the recorded file as "V***.WAV" in "VOICE" folder automatically.

You can press **|||||** button to playback the recorded files in RECORDER menu, please refer to "MUSIC" for details.

DEL

Press **|||||** button to select DEL in main menu, press **|||||** button to enter.

Press **|||||** button to select item which you want to delete.

Press **|||||** button to enter sub menu, press **|||||** button to select "YES" or "NO".

Select "YES", and press **|||||** button to confirm, the screen would display "SUCCESS".

Select "NO", press **|||||** button to return to DEL menu.

Press **BACK/A-B** button to return to main menu.

SET

Press **|||||** button to select SET in main menu, press **|||||** button to enter.

Press **|||||** button to select item, press **|||||** button to enter.

Press **|||||** button to set. Press **BACK/A-B** button to return to previous menu.

You can set the following items in "SET" menu:

Items	Descriptions
EQ Setting	There are 6 equalizer modes: NORMAL, ROCK, JAZZ, CLASSIC, POP, BASS. There are 6 play modes: NORMAL, REPEAT ONE, REPEAT ALL, SHUFFLE, SHUF & REPE, INTRO.
PlayMode	NOTE: Under "INTRO" mode, MuStik Media Player would play the first eight seconds of each track.
Screen Savings	MuStik Media Player would start screen savings if there is no operation during the time which is set as 10, 20, 30, 40, 50 seconds and . You can press any button to exit screen savings. " " presents the screen savings wouldn't started.
Power Set	MuStik Media Player would power off automatically if there is no operation in stop status during the time which is set as DISABLE, 5MINS and 10MINS. "DISABLE" presents MuStik Media Player can not powered off automatically.
Default Set	To set as default value.
Language	The display language of menu & lyric: ENGLISH, 中文&简体, 中文&繁體, select EXIT (退出) to return to SET menu.
FM Band	To set the FM band as Europe or Japan (Only for C310).
Exit	Select "Exit", and press button to return to main menu.

ABOUT

Press **|||||** button to select ABOUT in main menu, press **|||||** button to enter.

Press **|||||** button to browse the system information, which includes company, model, version (software version/hardware version), and capacity (free/total capacity). Press **|||||** button to exit ABOUT menu.

Specifications

The actual useable capacity may not be identical as labeled.

Netac reserves the rights to make changes on any specification without prior notice.

Items	Descriptions
Dimension	73.6mm x 31mm x 18mm (C310) 73.6mm x 31mm x 18mm (C300)
Net Weight	39g approximately (C310) 39g approximately (C300)
OLED	Dichromatic OLED (128 x 32)
Power Supply	Powered by one AAA alkaline battery
MP3, WMA	Earphone Output 6mW + 6mW, 32ohm
	MP3 Bit Rate 8Kbps ~ 320Kbps
	WMA Bit Rate 16Kbps ~ 192Kbps
	Frequency Response 20Hz ~ 20KHz
FM Radio (Only for C310)	Stereo imbalance degree ±0.5dB
	Frequency Range 76MHz ~ 108MHz
	Preservable Stations 30
	Music Files MP3, WMA, WAV
Working Temperature	-10°C ~ 55°C
Storage and Transportation Temperature	-40°C ~ 70°C
Relative Humidity under Working	20% ~ 90% (40°C)
Relative Humidity under Storage and Transportation	20% ~ 90% (40°C)
Atmospheric Pressure	86 KPa ~ 106 KPa
Language	ENGLISH, 中文 & 简体, 中文 & 繁體
Computer	IBM PC, Compatible Notebook or Mac with USB port.
Operating System	Windows 98/98SE/Me/2000/XP/Server 2003, Mac OS 10.2 or above, Linux 2.4.2 or above.

FAQ

If you experience any of the following difficulties in using MuStik Media Player, use the following guide for help.

Should any problem persist, contact with Netac customer service.

Symptoms	Possible Reasons Analysis	Remedy
Fail to power on.	Low battery.	Change battery.
Power off shortly after being power on.	Low battery. HOLD switch locked.	Change battery. Unlock HOLD switch.
No sound output.	The volume is 0. Earphone isn't connected well.	Turn up the volume. Connect earphone correctly.
Keystroke void.	HOLD switch locked.	Unlock the HOLD switch.
Fail to connect with the computer.	The driver of MuStik Media Player hasn't been installed on Windows 98/98SE.	Install the driver (please refer to "Utilities Installation").
Fail to copy files.		Check whether the system settings are accordance with requirements. Format MuStik Media Player and try again.
Cannot recording.	Low battery.	Change battery.
	Space insufficient. Files have exceeded the maximum limit.	Delete some files.

If you have disconnected MuStik Media Player with the computer during updating, the system data of MuStik Media Player would be corrupt. Please make sure that connect MuStik Media Player with the computer correctly during updating.

RMA Service

- Self check (Over 50% claimed fault can be fixed easily).
 - Please check the manual on our website <http://www.netac.com> to double-check the failure symptoms you are facing.
 - Please check if there is any latest update of software or firmware to your product, especially format tools.
 - If you didn't purchase directly from Netac, please return the goods to the vendor where you purchased from for repair or replacement.

ANY PHYSICAL DAMAGE, MISUSAGE, OR UNAUTHORIZED DISASSEMBLING OF ANY PART OF THE PRODUCTS WILL LEAD TO WARRANTY VOID. By default, the product is only available for personal and office.

- Obtain RMA (Return to Manufacturer Authorization) number from Netac (Only for Authorized Dealers).
 - We send you a RMA Request Form by E-mail upon request.
 - Please fill in all related items, like items number, failure symptom(s), and purchase date and invoice number on RMA Request Form, E-mail or Fax back to Netac.
 - Upon receiving the filled RMA Request Form, we will check the form and warranty period. A RMA number will be issued within 2 working days.
 - Any RMA number is only valid for 14 days, other than that a new application needs to be filled again.

ANY RETURN WITHOUT PRE-APPROVED RMA NUMBER WILL BE REJECTED OR DELAYED. IT IS A MUST-HAVE FOR ALL RETURN OR REPAIRING OR EXCHANGE OR MISSING ISSUES.

- How to send the defective product(s) to Netac?

The "Netac RMA Request Form" must NOT be enclosed in the RMA package sent to Netac, but the RMA number is REQUIRED to be written on the top of the box when you send it them back. The defective product(s) sent to Netac without RMA number will NOT be received, repaired and/or returned.

 - Netac doesn't accept any collect shipment. All RMA shipment must be prepaid.
 - Don't make any shipment until having the Shipping Instruction from Netac. Please ask further advice from Netac Customer Service Dept. as below before you send out the defective products.
- Contact information
E-mail: ma@netac.com
Contact: Byele Yu, Alick Liu (Customer Service Dept.)
Contact phone: +86-755-26727573, 26994767
Business hour: 08:30 - 17:40 Beijing Time, Mon. - Fri.

Contact Netac

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Others

Remarks

- "F***.WAV(Only for C310), V***.WAV" are titles for FM and MIC recorded files in MuStik Media Player. "***" presents as 0-9.
- The folders named "FM" (Only for C310), and "VOICE" are auto-generated default folders for saving FM and MIC recorded files.

